

Title (en)
FLAME-RETARDANT VIBRATION-DAMPING RUBBER COMPOSITION AND FLAME-RETARDANT VIBRATION-DAMPING RUBBER MEMBER

Title (de)
FLAMMHEMMENDE SCHWINGUNGSDÄMPFENDE KAUTSCHUKZUSAMMENSETZUNG UND FLAMMHEMMENDES SCHWINGUNGSDÄMPFENDES KAUSCHUKELEMENT

Title (fr)
COMPOSITION DE CAOUTCHOUC AMORTISSANT LES VIBRATIONS IGNIFUGE ET ÉLÉMENT EN CAOUTCHOUC AMORTISSANT LES VIBRATIONS IGNIFUGE

Publication
EP 4273194 A1 20231108 (EN)

Application
EP 22763081 A 20220224

Priority
• JP 2021034885 A 20210305
• JP 2022007490 W 20220224

Abstract (en)
A flame-retardant vibration isolation rubber composition comprises the following (A) to (D), the proportion of (B) being 20-150 parts by mass, the proportion of (C) being 0.01-5.0 parts by mass, and the proportion of (D) being 10-80 parts by mass with respect to 100 parts by mass of (A), which makes it possible to provide a flame-retardant vibration isolation rubber composition and a flame-retardant vibration isolation rubber member that are excellent in vibration isolation rubber properties such as rubber physical characteristics and dynamic magnification while maintaining flame-retardant property. In the flame-retardant vibration isolation rubber composition, (A) is a diene rubber, (B) is a metal hydroxide, (C) is a dihydrazide compound, and (D) is a carbon black.

IPC 8 full level
C08K 5/25 (2006.01); **C08K 3/04** (2006.01); **C08K 3/22** (2006.01); **C08L 7/00** (2006.01); **C08L 9/00** (2006.01); **F16F 15/08** (2006.01)

CPC (source: EP US)
C08K 3/04 (2013.01 - EP US); **C08K 3/22** (2013.01 - EP US); **C08K 5/25** (2013.01 - EP US); **C08L 7/00** (2013.01 - US); **C08K 2003/2217** (2013.01 - EP US); **C08K 2003/2227** (2013.01 - EP US); **C08K 2201/006** (2013.01 - EP); **C08L 2201/02** (2013.01 - US)

C-Set (source: EP)
1. **C08K 3/04 + C08L 9/00**
2. **C08K 3/22 + C08L 9/00**
3. **C08K 5/25 + C08L 9/00**
4. **C08K 5/25 + C08L 7/00**
5. **C08K 3/04 + C08L 7/00**
6. **C08K 3/22 + C08L 7/00**
7. **C08L 7/00 + C08L 91/00 + C08L 91/06 + C08K 5/25 + C08K 3/22 + C08K 3/04 + C08K 3/22 + C08K 5/09 + C08K 3/06 + C08K 5/18 + C08K 5/47**
8. **C08L 7/00 + C08L 9/00 + C08L 91/00 + C08L 91/06 + C08K 5/25 + C08K 3/22 + C08K 3/04 + C08K 3/22 + C08K 5/09 + C08K 3/06 + C08K 5/18 + C08K 5/47**
9. **C08L 7/00 + C08L 9/00 + C08L 91/00 + C08L 91/06 + C08K 5/25 + C08K 3/22 + C08K 3/04 + C08K 3/22 + C08K 5/09 + C08K 3/06 + C08K 5/18 + C08K 5/47 + C08K 5/03**

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4273194 A1 20231108; **EP 4273194 A4 20240619**; CN 116635468 A 20230822; JP WO2022186025 A1 20220909; US 2023407058 A1 20231221; WO 2022186025 A1 20220909

DOCDB simple family (application)
EP 22763081 A 20220224; CN 202280009339 A 20220224; JP 2022007490 W 20220224; JP 2023503749 A 20220224; US 202318460597 A 20230904